

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-3.(cancelled)

4.(currently amended) A method as claimed in claim [[3]] 12, further comprising:
~~in which a definition step of subtracting a residual signal from said motion-compensated signal, wherein~~ ~~is carried out,~~ said residual signal resulting from the difference between said additional data signal and its predicted version, ~~characterized in that said residual signal is subtracted from said motion-compensated signal by means of a subtracting sub-step.~~

5.(currently amended) A method as claimed in claim [[3]] 12, further comprising:
~~characterized in that:~~

[[a))] adding said additional data signal ~~is added~~ to said coding error ~~by means of an adding sub-step, and~~

[[b))] adding said additional data signal ~~is added~~ to said decoded data signal ~~by means of an adding sub-step.~~

6.(currently amended) A method of as claimed in claim [[3]] 12, further comprising: ~~characterized in that:~~

[[a))] adding said additional data signal ~~is added~~ to said coding error ~~by means of an adding sub-step, and~~

[[b))] subtracting said additional data signal ~~is subtracted~~ from said motion-compensated signal ~~by means of a subtracting sub-step.~~

7-11.(cancelled)

12.(new) A method for modifying data in an encoded data signal, comprising:

decoding said encoded data signal to obtain a decoded data signal in a frequency domain;
inserting, in the frequency domain, an additional data signal into the decoded data signal;
subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal; and
encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.

13.(new) A method for modifying data in an encoded data signal, comprising:
decoding said encoded data signal to obtain a decoded data signal in a frequency domain;
subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal;
inserting, in the frequency domain, an additional data signal into the modified data signal; and
encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.

14.(new) A transcoding device for adding data to an encoded data signal, comprising:
a decoder decoding said encoded data signal to obtain a decoded data signal in a frequency domain;
means for inserting, in the frequency domain, an additional data signal into the decoded data signal;
means for subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal; and
an encoder encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.

15.(new) A transcoding device for adding data to an encoded data signal, comprising:

- a decoder decoding said encoded data signal to obtain a decoded data signal in a frequency domain;

- a subtractor subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal;

- an adder adding, in the frequency domain, an additional data signal into the modified data signal; and

- an encoder encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.